

Title (en)  
Powered patch panel

Title (de)  
Elektrisch angetriebene Schalttafel

Title (fr)  
Tableau de connexions électriques

Publication  
**EP 1771015 A2 20070404 (EN)**

Application  
**EP 06255024 A 20060928**

Priority  
• US 72113105 P 20050928  
• US 53554406 A 20060927

Abstract (en)  
A powered patch panel (PPP) (900) is disclosed that inserts power in mid-span regions of a network (100) and provides fault-tolerance at the power supply level and the power-plane level. Information such as physical location, port status and policy enforcement information may be locally stored and utilized by a processor (924) of the PPP (900) to achieve network control and monitoring. A network management system (110) and/or element management system may be provided to interface with processors (924) of PPPs (900) to achieve network monitoring, control and policy enforcement goals.

IPC 8 full level  
**H04Q 1/14** (2006.01)

CPC (source: EP US)  
**H04L 12/66** (2013.01 - EP US); **H04L 41/0803** (2013.01 - EP US); **H04L 43/0811** (2013.01 - EP US); **H04L 43/0817** (2013.01 - EP US); **H04M 3/2254** (2013.01 - EP US); **H04Q 1/03** (2013.01 - EP US); **H04Q 1/136** (2013.01 - EP US); **H04L 41/0213** (2013.01 - EP US); **H04M 19/00** (2013.01 - EP US); **H04Q 2201/802** (2013.01 - EP US)

Cited by  
EP3698112A4; GB2462986A; EP4147454A4; WO2019079354A1; US9236690B2; WO2012140026A1; WO2009005570A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1771015 A2 20070404**; CN 101047514 A 20071003; CN 101047514 B 20121121; JP 2007097187 A 20070412; JP 5221018 B2 20130626; US 2008214140 A1 20080904; US 2011255611 A1 20111020; US 7978845 B2 20110712

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**EP 06255024 A 20060928**; CN 200610163600 A 20060928; JP 2006265275 A 20060928; US 201113173917 A 20110630; US 53554406 A 20060927